

MLX-B Plus*

MICROSCOPE MASTERCLASS



- Parfocal and Centered Optics
- Optics with Multi-layer Coating
- Choice of Halogen and LED Illumination
- Easy Access for Lamp Replacement

Magnus

Specifications :

MAGNUS Inclined Binocular Microscope Model MLX-B Plus

ITEM	SPECIFICATIONS	Binocular Version	Trinocular Version
Optical System	Semi-Plan achromatic optics with anti-fungal treatment. Uniformly centered, interchangeable & Parfocal, Anti-Fungus treated.	●	●
Body	Aluminium die cast body with all critical movements based on ball bearing and wire guides, thereby ensuring smooth and precise manipulation.	●	●
Inclined Observation Head	Binocular 45 degree inclined, rotatable through 360 degrees	●	
	Trinocular 45 degree inclined, rotatable through 360 degrees		●
Eyeieces (widefield) for observation	WF 10x (FN 18mm) paired eyepiece. The unique optical design of the compensating eyepiece provides relief from eye fatigue and renders color-compensated wide-field images of utmost clarity.	●	●
Nosepiece	Quadruple revolving nosepiece based on precision ball-bearing mechanism with positive stop click stop.	●	●
Objectives	Semi-Plan achromatic objectives, antifungal		
	NA W.D.		
	4X/ 0.10 29.0mm	●	●
	10X/ 0.25 6.3mm		
	40X/ 0.65 0.6mm		
	100X/ 1.25 0.15mm		
Mechanical Stage	Co-axial low drive mechanical stage (125mm X 145mm) (+/-5mm) with traverse area of 50mm X 76mm (+/-5mm)	●	●
Condenser	Abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & pinion through 20mm and a continuously variable iris diaphragm with a removable blue filter for daylight observation. Rack & pinion mounted condenser holder.	●	●
Focusing	Co-axial coarse & fine controls with a focus adjustment and fine adjustment knobs. Coarse Focus range 25mm.	●	●
Illumination base with option	a) Built-in-illumination base with pre-centered 6V 20W halogen light source coupled with an efficient collector lens system. Universal Power supply 100V~240V AC 50Hz (SMPS). Supplied with one spare bulb & spare fuse. Easily replaceable lamp from front.	Halogen	Halogen
	b) LED light source High brightness, long life (30000 hrs). LED	LED	LED
	c) LED light source (with battery backup) High brightness, long life (30000 hrs). LED. Battery backup in-built NiMH Rechargeable batteries provide 6-8 hours back-up on full charge	Freedom	Freedom
Packed in a styrofoam box, with operation manual, Dust cover, power cord & immersion oil (10ml)			

Optional Accessories

• Simple Polarizing attachment • Eyepiece Widefield WF 15x • Image Analysis software



Micro Image Projection System
MIPS



Digital Camera System



Phase Contrast Attachment PC-4



Darkfield attachment
• Imm. DF Condenser with OBJ
100x having Iris Diaphragm
• Dry. DF condenser